

IN THE CLAIMS:

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1. (Currently Amended) A laser processing apparatus comprising:

A1 a laser generator for generating a laser light,

a laser controller for controlling said laser generator,

a positioning unit for positioning the laser light, and

a position controller for selecting a control method from a plurality of control methods, each corresponding to a predetermined moving distance of said positioning unit, and controlling a position of said positioning unit in a manner according to said selected control method~~a moving distance of said positioning unit.~~

2. (Original) The laser processing apparatus of claim 1, further comprising a control method memory for storing a control method corresponding to the moving distance of said positioning unit, wherein said position controller controls the position of said positioning unit by the control method.

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3. (Original) The laser processing apparatus of claim 2, wherein said control method memory stores a step position command control method for the moving distance less than a first threshold.

A1  
Cont.

4. (Currently Amended) The laser processing apparatus of claim 2, wherein said control method memory stores a step speed command control method for the moving distance ~~equal to~~ or greater not less than a second threshold and less than a third threshold.

5. (Currently Amended) The laser processing apparatus of claim 2, wherein said control method memory stores a trapezoidal speed command control method for the moving distance ~~equal to or greater~~ not less than a fourth threshold or more.

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6. (Currently Amended) The laser processing apparatus of claim 1, further comprising an acceleration/deceleration constant memory for storing an acceleration/deceleration constant corresponding to the moving distance, wherein said position controller controls the position of said positioning unit ~~with~~ by using the acceleration/deceleration constant.

A1  
Cont.  
7. (Currently Amended) The laser processing apparatus of claim 1, further comprising an acceleration/deceleration constant calculating unit for calculating an acceleration/deceleration constant corresponding to the moving distance from the moving distance, wherein said position controller controls the position of said positioning unit ~~with~~ by using the acceleration/deceleration constant.

8. (Currently Amended) The laser processing apparatus of claim 1, further comprising a waiting-for-settling time memory for storing a waiting time for settling corresponding to the moving distance, wherein said positioning unit controls the position ~~with~~ by using the waiting time for settling.

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9. (Currently Amended) The laser processing apparatus of claim 1, further comprising a waiting-for-settling time calculating unit for calculating a waiting time for settling corresponding to the moving distance from the moving distance, wherein said positioning unit controls the position ~~with~~ by using the waiting time for settling.

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